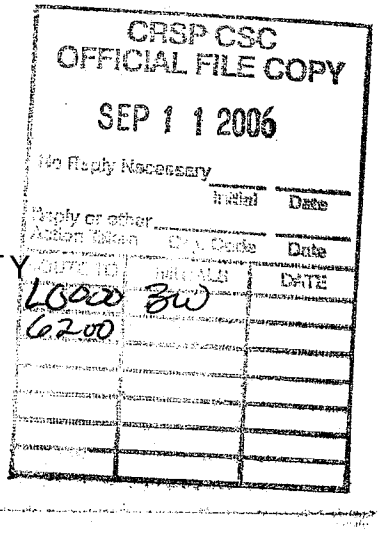

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Bradley Warren, Manager
CRSP Management Center
Western Area Power Administration
P.O. Box 11606
Salt Lake City, Utah 84147-0606

Attention: Burt Hawkes, Contracts Manager

Re: Native American Power Pooling and Scheduling Agreements
Integrated Resource Plan

Dear Mr. Warren:

The Navajo Tribal Utility Authority has contracted with thirteen Native American Organizations to provide benefits to them resulting from their Firm Electric Service Contracts with Western. The Agreements entered into with each organization provides in Section 3 that NTUA shall be designated responsibility for complying with the duties in Section 5 through 11 of their Firm Electric Service contracts, including the responsibility for compliance with the Integrated Resource Plan (IRP) requirement for each organization. The organizations with which NTUA has agreements include:

Cocopah Tribe
Havasupai Tribe
Hopi Tribe
Hulapai Tribe
Pueblo of Isleta
Las Vegas Paiute Tribe
Paiute Indian Tribe of Utah
Pascua Yaqui Tribe
San Carlos Tribe
Tonto Apache Tribe
Yavapai Apache Tribe
Yavapai Prescott Tribe
Yomba Shoshone Tribe

NTUA believes that the IRP, which NTUA will be submitting to Western, will provide and meet the basic requirements for Integrated Resource Planning for these Tribal organizations with which NTUA has crediting arrangements.

Home Office: P.O. BOX 170 FT. DEFIANCE, AZ 86504 (928) 729-5721
KAYENTA P.O. BOX 37 KAYENTA, AZ 86033 (928) 697-3574
TUBA CITY P.O. BOX 398 TUBA CITY, AZ 86045 (928) 283-5421
SHIPROCK P.O. BOX 1749 SHIPROCK, NM 87420 (505) 368-4639
CHINLE P.O. BOX 549 CHINLE, AZ 86503 (928) 674-5470
FORT DEFIANCE P.O. BOX 587 FT. DEFIANCE, AZ 86504 (928) 729-5727
DILCON HC 63 BOX D WINSLOW, AZ 86047 (928) 657-3258
CROWNPOINT P.O. BOX 1825 CROWNPOINT, NM 87313 (505) 786-5566

NTUA will encourage each of the foregoing organizations to participate in conservation measures contemplated in the Energy Policy Act of 1992, including the Integrated Resource Planning progress.

Many of the tribal organizations listed above may not have the opportunity or the responsibility for electrical energy delivery and therefore would be unable to make many decisions, which would impact conservation on a day-to-day basis within their area of concern. These organizations can, however, promote wise energy use and responsible conservation and NTUA will encourage each participant to act accordingly.

NTUA believes that the IRP which NTUA has, and will continue to submit to Western, should provide and meet the basic requirements of Integrated Resource Planning for these tribal organizations with which NTUA has crediting arrangements. A copy of the NTUA's letter to each of the organizations is enclosed with this letter for your information and files.

Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
Enclosure
cc: Walter F. Wolf, Jr.
Wally Chief

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Sherry Cordova, Chairwoman
Cocopah Indian Tribe
County 15th & Avenue G
Somerton, AZ 85350

RE: Integrated Resource Plan (IRP)

Dear Ms. Cordova:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

NTUA has provided Western with a draft version of the IRP dealing with the energy conservation and use, and we believe that this type of Plan provides an opportunity for your organization to participate constructively. NTUA is ready to work with your organization to promote conservation and wise energy use. It is also in a position to arrange with Western to offer its services to your organization in this area.

NTUA will be holding public meetings, as required by the agreement, in its service area. The draft IRP will be available to the public five (5) days prior to the meeting. Written comments regarding the IRP will be accepted any time prior to or at the meeting. Public comments will also be accepted at this time.

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NTUA looks forward to continuing the mutually beneficial arrangements with your organization for the coming years. Should you have any questions, you may contact me at generalmanager@ntua.com or at (928) 729-6202.

Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Rex Tilousi, Chairman
Havasupai Tribal Council
P.O. Box 10
Supai, AZ 86435

RE: Integrated Resource Plan (IRP)

Dear Mr. Tilousi:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY
AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Ivan Sidney, Chairman
The Hopi Tribe
P.O. Box 123
Kykotsmovi, AZ 86039

RE: Integrated Resource Plan (IRP)

Dear Mr. Sidney:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Charles Vaughn, Chairman
Hualapai Tribal Council
P.O. Box 179
Peach Springs, AZ 86434

RE: Integrated Resource Plan (IRP)

Dear Mr. Vaughn:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Robert Benavides, Governor
Pueblo of Isleta
P.O. Box 1270
Isleta, NM 87022

RE: Integrated Resource Plan (IRP)

Dear Mr. Benavides:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Alfreida Mitre, Chairwoman
Las Vegas Paiute Tribe
1 Paiute Drive
Las Vegas, NV 89106

RE: Integrated Resource Plan (IRP)

Dear Ms. Mitre:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Lora Tom, Chairwoman
Paiute Indian Tribe of Utah
440 North Paiute Drive
Cedar City, UT 84720

RE: Integrated Resource Plan (IRP)

Dear Ms. Tom:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Herminia Frias, Chairwoman
Pascua Yaqui Tribal Council
7474 S. Camino de Oeste
Tucson, AZ 85746

RE: Integrated Resource Plan (IRP)

Dear Ms. Frias:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Kathy Kitcheyan, Chairwoman
San Carlos Apache Tribal Council
P.O. Box 0
San Carlos, AZ 85550

RE: Integrated Resource Plan (IRP)

Dear Ms. Kitcheyan:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Ivan Smith, Chairman
Tonto Apache Tribal Council
Tonto Apache Reservation #30
Payson, AZ 85541

RE: Integrated Resource Plan (IRP)

Dear Mr. Smith:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Jamie Fullmer, Chairman
Yavapai Apache Nation
2400 E. Datsi Street
Camp Verde, AZ 86322

RE: Integrated Resource Plan (IRP)

Dear Mr. Fullmer:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

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(928) 729-5721	(928) 697-3574	(928) 283-5421	(505) 368-4639	(928) 674-5470	(928) 729-5727	(928) 657-3258	(505) 786-5566

NTUA looks forward to continuing the mutually beneficial arrangements with your organization for the coming years. Should you have any questions, you may contact me at generalmanager@ntua.com or at (928) 729-6202.

Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Mr. Ernest Jones, President
Yavapai-Prescott Indian Tribe
530 E. Merritt
Prescott, AZ 86301

RE: Integrated Resource Plan (IRP)

Dear Mr. Jones:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

NTUA has provided Western with a draft version of the IRP dealing with the energy conservation and use, and we believe that this type of Plan provides an opportunity for your organization to participate constructively. NTUA is ready to work with your organization to promote conservation and wise energy use. It is also in a position to arrange with Western to offer its services to your organization in this area.

NTUA will be holding public meetings, as required by the agreement, in its service area. The draft IRP will be available to the public five (5) days prior to the meeting. Written comments regarding the IRP will be accepted any time prior to or at the meeting. Public comments will also be accepted at this time.

After receipt of public comments, the draft IRP will be presented to the NTUA Management Board for review and approval of the final IRP to be submitted to Western.

Home Office:	KAYENTA	TUBA CITY	SHIPROCK	CHINLE	FORT DEFIANCE	DILCON	CROWNPOINT
P.O. BOX 170	P.O. BOX 37	P.O. BOX 398	P.O. BOX 1749	P.O. BOX 549	P.O. BOX 587	HC 63 BOX D	P.O. BOX 1825
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Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

September 5, 2006

Ms. Lesa Cagle, Chairwoman
Yomba Shoshone Tribe
HC 61 Box 6275
Austin, NV 89310

RE: Integrated Resource Plan (IRP)

Dear Ms. Cagle:

In connection with the Native American Power Pooling and Scheduling (NAPPS) Agreement entered with your Tribe, the Navajo Tribal Utility Authority (NTUA) assumed responsibility for exercising the privileges and responsibilities under your Firm Electric Service Contract with Western Area Power Administration (Western), particularly for Integrated Resource Planning for energy conservation.

NTUA has provided Western with a draft version of the IRP dealing with the energy conservation and use, and we believe that this type of Plan provides an opportunity for your organization to participate constructively. NTUA is ready to work with your organization to promote conservation and wise energy use. It is also in a position to arrange with Western to offer its services to your organization in this area.

NTUA will be holding public meetings, as required by the agreement, in its service area. The draft IRP will be available to the public five (5) days prior to the meeting. Written comments regarding the IRP will be accepted any time prior to or at the meeting. Public comments will also be accepted at this time.

After receipt of public comments, the draft IRP will be presented to the NTUA Management Board for review and approval of the final IRP to be submitted to Western.

NTUA looks forward to continuing the mutually beneficial arrangements with your organization for the coming years. Should you have any questions, you may contact me at generalmanager@ntua.com or at (928) 729-6202.

Sincerely,

NAVAJO TRIBAL UTILITY AUTHORITY

Kenneth L. Craig
Interim General Manager

SV/KLC/mt
xc: Wally Chief
Walter F. Wolf, Jr.

Table of Contents

Profile Data

The Navajo Tribal Utility Authority ("NTUA" or "the Authority") was created in January 1959 by the Navajo Tribal Council ("NTC") for the purpose of bringing electric service to the Shiprock, New Mexico portion of the Navajo Nation. A few years later, the NTC determined to delegate to NTUA the overall responsibility for operating, maintaining and promoting utility services throughout the Navajo Nation. These services included electricity, natural gas, photovoltaic, water and wastewater treatment. In 1965, NTUA was reorganized to its current form, with a Management Board and General Manager being responsible for operations and management of the utility.

The Navajo Nation covers 25,351 square miles in the southwestern United States, specifically the Four Corners region of northwest New Mexico, northeast Arizona and southeast Utah. Within these three states, six counties fall within the boundaries of the Navajo Nation. NTUA has operations in each of these counties, with its headquarters located in Fort Defiance, Arizona. Other offices are also located in Shiprock and Crownpoint, New Mexico, and Fort Defiance, Kayenta, Red Mesa, Dilkon, Chinle and Tuba City, Arizona. Roughly half of the Nation's lands have an arid desert climate, with another third having an intermediate steppe climate, and the remainder having a cold, humid climate. As might be anticipated with pinnacles and canyons to low-laying plains, prairies, rolling hills, and tabletop mesas. A map of the NTUA Service area is provided in **Appendix A**.

In 2005, the Authority served electricity to approximately 38,000 customers with 43% of total sales going to industrial class, 28% to commercial customers, 24% to residential customers, 2% to the interdepartmental class, 1% to security lights and less than 1% to the irrigation class. The policies for service, rates and taxes for power provided by NTUA to its customers are determined and set by its Management Board. Copies of NTUA's current rate schedules are attached as **Appendix B**.

NTUA's current Management Board and relevant contact persons are detailed below.

- **Management Board**

  Sidney B. Dietz II, Chairperson of the Management Board
  Derrick Watchman, Vice-Chairperson
  Sonny Clark, Secretary
  Mel R. Begay, Member
  William H. Clagett, Member
  Terry Dayish, Member
  Belinda P. Eriacho, Member

- **Contact Persons**

Kenneth L. Craig – Interim General Manager
Navajo Tribal Utility Authority
P. O. Box 170
Fort Defiance, AZ 86504
Ph: (928) 729-6201
Fax: (928) 729-2135

Rex P. Kontz – Deputy General Manager
Navajo Tribal Utility Authority
P. O. Box 170
Fort Defiance, AZ 86504
Ph: (928) 729-6278
Fax: (928) 729-6241

NTUA is a preference customer for Colorado River Storage Project ("CRSP" or "SLCA/IP") power from Western Area Power Administration ("Western"). The Authority also purchases resources from Tucson Electric Company ("TEP"), PacifiCorp/Utah Power and Light, and Continental Divide Electric Cooperative, Inc., ("CDEC") for resale to utility customers. In addition, the Authority has contracts with 13 Native American Organizations to provide benefit to them resulting from their Firm Electric Service Contracts with Western. The Agreements entered into with each organization provide that NTUA shall be designated responsibility for complying with the duties of their Firm Electric Service Contracts, including the responsibility for compliance with Integrated Resource Plan requirement for each organization. The organizations with which NTUA has agreements include:

Cocopah Tribe
Havasupai Tribe
Hopi Tribe
Hualapai Tribe
Pueblo of Isleta
Las Vegas Paiute Tribe
Paiute Indian Tribe of Utah
Pascua Yaqui Tribe
San Carlos Tribe
Tonto Apache Tribe
Yavapai Apache Tribe
Yavapai Prescott Tribe
Yomba Shoshone Tribe

NTUA believes that this Integrated Resource Plan, which NTUA is submitting to Western, will provide and meet the basic requirements for Integrated Resource Planning for these Tribal organizations with which NTUA has crediting arrangements.

NTUA has transmission agreements with Western, Public Service Company of New Mexico ("PNM"), Arizona Public Service Company ("APS") and TEP. The power and energy from Western are transmitted over the CRSP transmission system to NTUA's Shiprock, Kayenta and Long House Valley Substations. The power and energy from TEP are delivered to multiple NTUA substations using the transmission systems of TEP, APS, PNM and NTUA's own sub-transmission facilities. The resources from PacifiCorp/Utah Power and Light are delivered to NTUA's Red Mesa and Mexican Hat Substations. The resources from CDEC are

delivered to NTUA's Standing Rock and Barth-Lake metering points, Crownpoint and Houck Substations. From the substations, the power and energy are distributed to the customers of NTUA over distribution facilities owned and operated by the Authority.

The current projection of NTUA loads for the upcoming two-year and five-year periods does not indicate that additional resources are needed. With current contract entitlements in place to the five-year period, forecasted growth is such that additional resources are not needed at this time. Therefore, NTUA will use its current entitlements of CRSP and TEP resources to meet its projected loads through the five-year planning period, with supplemental purchases from PacifiCorp/Utah Power and Light and CDEC as necessary. Although the need for additional resources within the planning period is not anticipated at this time, if and when a cost-effective opportunity for new generation resources arises, NTUA expects to pursue the resources to the extent practicable.

NTUA Goals and Objectives

- Provide Safe, Reliable Water, Natural Gas, Wastewater Treatment, Photovoltaic and Electric Power to the Navajo People at the Lowest Practicable Cost, Consistent With Sound Business Principles.

- Enhance Customer Financial Stability by Providing Services which Enhance Standards of Living and Provide Long-Term Stability in Water, Natural Gas, Wastewater Treatment, Photovoltaic and Electric Power Rates.

Competitive Situation

- **NTUA Contract Information**

  Western Area Power Administration -- SLCA/IP Contract
  Western Area Power Administration -- Transmission Exchange Agreement
  Tucson Electric Power Company -- Wholesale Power Supply Agreement and Transmission Agreement
  Arizona Public Service -- Transmission Agreement
  Public Service Company of New Mexico -- Transmission Agreement
  PacifiCorp/Utah Power and Light -- Power Supply Agreement
  Continental Divide Electric Cooperative, Inc. -- Power Supply Agreement

- **Regulations Applicable to NTUA**

  Energy Planning and Management Program (EPACT '00)
  National Electrical Safety Code
  National Electric Code
  National Fire Protection Agency Manual
  Rural Utility Services (RUS)

Occupational Safety and Health Act -- Navajo Tribe
Environmental Protection Agency -- Navajo Tribe
NTUA Electric Construction and Specifications Manual
American Water Works Association (AWWA)
Department of Transportation -- Natural Gas

- **Regulation Applicable to NTUA Customers**

NTUA Tariff

- **Competition with NTUA Service**

Arizona Public Service
Continental Divide Electric Cooperative, Inc.
Utah Power and Light

Load and Resource Information

- **Historical and Five-Year Load Forecast:**

In 2005, the Authority produced its most recent Power Requirements Study ("PRS"). The PRS was designed to forecast the energy and non-coincident peak demand requirements of NTUA for the time period of 2005 to 2023, based upon the analysis of past and present days loads. The results of this study indicated that over the past ten years NTUA's electric demands have grown at an average annual rate of 2.1 percent per year. Additionally, the actual number of customers served by the Authority has increased at a rate of about 4 percent per year. As a result of PRS findings, NTUA assumed that for the purposes of forecasting for the five-year planning period, the growth in the Authority's load would remain relatively the same. Please note, however, that when the PRS was performed, it was expected that the Authority would be losing approximately 15 MW of load as a result of the Mohave generating station and Black Mesa pipeline closure. A new PRS is scheduled to be performed within the next year and will provide the Authority with updated data to use in forecasting growth over the five-year planning period. The following table details the Authority's historical and forecasted loads.

NAVAJO TRIBAL UTILITY AUTHORITY
2005 POWER REQUIREMENT STUDY
TOTAL REVENUE PRODUCING CUSTOMERS
BASE LINE ECONOMIC AND WEATHER FORECAST
UPDATED THROUGH 2005

YEAR	Number of Customers	Customer Growth Rate %	KWH sold	Sales Growth Rate %	Peak Demand	Peak Demand Growth Rate %	Average Annual Load Factor
1978	12,788		366,719,448		80,248		52%
1979	13,525	6%	400,230,300	9%	84,309	5%	54%

	1980	14,089	4%	426,418,308	7%	84,876	1%	57%
	1981	14,563	3%	438,315,060	3%	90,078	6%	56%
	1982	14,958	3%	475,925,016	9%	93,266	4%	58%
	1983	15,600	4%	455,851,848	-4%	100,155	7%	52%
	1984	16,586	6%	474,153,204	4%	115,506	15%	47%
	1985	17,428	5%	447,497,700	-6%	101,750	-12%	50%
	1986	18,056	4%	491,873,376	10%	104,685	3%	54%
	1987	19,537	8%	468,893,424	-5%	112,841	8%	47%
	1988	20,530	5%	509,828,148	9%	118,065	5%	49%
	1989	21,507	5%	484,240,632	-5%	118,744	1%	47%
	1990	22,464	4%	495,846,468	2%	106,323	-10%	53%
	1991	23,668	5%	520,660,188	5%	109,570	3%	54%
	1992	24,853	5%	516,213,528	-1%	110,226	1%	53%
	1993	25,833	4%	502,073,753	-3%	107,938	-2%	53%
	1994	26,763	4%	501,341,503	0%	107,122	-1%	53%
	1995	27,612	3%	526,431,652	5%	109,170	2%	55%
	1996	28,499	3%	535,296,655	2%	110,178	1%	55%
	1997	29,366	3%	592,001,171	11%	113,887	3%	59%
	1998	29,976	2%	599,324,014	1%	111,367	-2%	61%
	1999	30,930	3%	597,030,009	0%	118,956	7%	57%
	2000	31,935	3%	634,380,890	6%	114,757	-4%	63%
	2001	32,645	2%	644,628,878	2%	108,253	-6%	68%
	2002	34,742	6%	646,454,107	0%	111,909	3%	66%
	2003	36,885	6%	676,133,543	5%	113,886	2%	68%
	2004	37,424	1%	704,817,615	4%	129,838	14%	62%
Historical	2005	37,677	1%	695,545,740	-1%	136,898	5%	58%
Forecast	2006	39,184	4%	619,035,709	-11%	121,839	-11%	58%
	2007	40,751	4%	637,606,780	3%	125,494	3%	58%
	2008	42,382	4%	656,734,983	3%	129,259	3%	58%
	2009	43,653	3%	676,437,033	3%	133,137	3%	58%
	2010	44,963	3%	696,730,144	3%	137,131	3%	58%
	2011	46,311	3%	710,664,747	2%	139,874	2%	58%
	2012	47,701	3%	724,878,042	2%	142,671	2%	58%
	2013	49,132	3%	739,375,602	2%	145,525	2%	58%
	2014	50,114	2%	754,163,114	2%	148,435	2%	58%
	2015	51,618	3%	769,246,377	2%	151,404	2%	58%
	2016	52,650	2%	784,631,304	2%	154,432	2%	58%
	2017	53,703	2%	800,323,930	2%	157,521	2%	58%
	2018	54,777	2%	808,327,170	1%	159,096	1%	58%
	2019	55,873	2%	816,410,441	1%	160,687	1%	58%
	2020	56,990	2%	824,574,546	1%	162,294	1%	58%
	2021	58,130	2%	832,820,291	1%	163,917	1%	58%
	2022	59,293	2%	841,148,494	1%	165,556	1%	58%
	2023	60,479	2%	849,559,979	1%	167,211	1%	58%

See **Appendix C.1** for a summary of the historical load information as well as a graphical illustration of how NTUA schedules its resources to cover its load in a typical year.

- **Load Profile Information**

For 2005, the energy sales for the authority were divided among the customer classes in approximately the following manner:

Industrial – 43%
Commercial –28%
  - Small Commercial –12%
  - Medium Commercial –12%
  - Large Commercial – 4%

Residential –24%
Interdepartmental –2%
Security Lights –1%
Irrigation – < 1%

See **Appendix C.2** for a graphical representation.
Detailed below is a summary of the historical energy sales by customer class for each of the past ten years.

HISTORICAL ENERGY SALES BY CUSTOMER CLASS (Kwh)
SOURCE: RUS FORM 156

YEAR	INDUSTRIAL	COMMERCIAL 0 - 51 KW	COMMERCIAL 51 - 350 KW	COMMERCIAL 351 + KW	RESIDENTIAL	INTER DEPARTMENT	SECURITY LIGHT	PUBLIC STREET LIGHT	IRRIGATION
1996	236,619,998	63,793,593	72,338,533	30,460,617	110,634,688	12,604,216	7,483,375	-	1,362,035
1997	287,336,309	65,866,957	69,558,481	23,087,498	122,839,957	13,121,166	8,408,760	595,567	1,186,476
1998	294,667,224	63,763,576	71,196,091	23,883,531	123,162,126	13,123,162	7,576,889	596,072	1,355,343
1999	292,780,477	63,326,687	70,533,959	23,695,391	124,464,434	12,920,313	7,525,015	600,523	1,183,210
2000	309,324,347	67,345,692	76,209,229	24,585,970	133,606,116	13,440,273	8,272,553	-	1,376,742
2001	309,875,765	69,135,213	78,613,478	25,220,603	137,480,048	13,785,181	8,286,270	-	1,634,979
2002	303,182,427	69,380,156	78,892,001	25,309,957	146,033,742	13,128,158	8,889,475	-	1,638,191
2003	297,269,639	78,829,308	89,636,608	28,757,022	157,717,656	12,876,757	9,430,265	-	1,616,288
2004	314,832,331	79,695,769	90,475,708	29,084,658	165,395,644	14,096,068	9,624,613	-	1,612,824
2005	302,845,669	82,888,489	87,619,040	29,007,485	167,743,280	13,963,966	9,680,491	-	1,797,320

- **Supply Side Resources**

NTUA anticipates that current resources under contract will be sufficient for the Authority to meet its monthly power and energy requirements through the short-term and long-term planning periods. In 2004, NTUA began receiving an additional allotment of CRSP power due to the remarketing of CRSP resources for Native American entities; this additional CRSP resource displaced TEP resources currently

under contract through 2009. Detailed below are the Authority's current contractual commitments:

Pre-2004 SLCA/IP Capacity and Energy at Cudei, Kayenta and Longhouse Valley Interchange

- Summer Season: 21.8 MW CROD 57,034MWh
- Winter Season: 23.7 MW CROD 61,940 MWh
- NAPI Capacity and Energy: 12 MW at 100 % load factor each month except November, December, January and February
- Expires: September 30, 2004

Post-2004 SLCA/IP Capacity and Energy at Cudei, Kayenta and Longhouse Valley Interchange

- Summer Season: 42.614 MW CROD 102,189.664 MWh
- Winter Season: 48.052 MW CROD 118,476.163 MWh
- Term: October 1, 2004 through September 30, 2024
- NAPI Capacity and Energy: 12 MW at 100 % load factor each month except November, December, January and February
- Expires: Until Superseded by another "Exhibit A"

Native American Power Pooling and Scheduling Agreements

Hualapai Tribe

- Summer Season: 625 KW CROD 1,693.179 MWh
- Winter Season: 609 KW CROD 1,565.956 MWh
- Term: October 1, 2004 through September 30, 2024

Pueblo of Isleta

- Summer Season: 1,098 KW CROD 2,976.602 MWh
- Winter Season: 1,109 KW CROD 2,850.200 MWh
- Term: October 1, 2004 through Until such time either Party has terminated

San Carlos Apache Tribe

- Summer Season: 4,152 KW CROD 11,253.792 MWh
- Winter Season: 3,780 KW CROD 9,716.374 MWh
- Term: October 1, 2004 through September 30, 2024

Yavapai Apache Tribe

- Summer Season: 1,893 KW CROD 5,131.168 MWh
- Winter Season: 1,465 KW CROD 3,764.737 MWh
- Term: October 1, 2004 through Until such time either Party has terminated

Cocopah Indian Tribe

- Summer Season: 1,281 KW CROD 3,472.129 MWh
- Winter Season: 1,058 KW CROD 2,718.748 MWh
- Term: October 1, 2004 through Until such time either Party has terminated

Pascua Yaqui Tribe

- Summer Season: 1,320 KW CROD 3,577.270 MWh
- Winter Season: 1,032 KW CROD 2,652.462 MWh
- Term: October 1, 2004 through September 30, 2024

Tonto Apache Tribe
- Summer Season: 382 KW CROD 1,034.814 MWh
- Winter Season: 349 KW CROD 503.544 MWh
- Term: October 1, 2004 through September 30, 2024

Yavapai Prescott Indian Tribe
- Summer Season: 733 KW CROD 1,987.155 MWh
- Winter Season: 805 KW CROD 2,068.858 MWh
- Term: October 1, 2004 through September 30, 2024

Havasupai Tribe
- Summer Season: 199 KW CROD 538.853 MWh
- Winter Season: 237 KW CROD 609.797 MWh
- Term: October 1, 2004 through September 30, 2024

Paiute Indian Tribe of Utah
- Summer Season: 158 KW CROD 427.837 MWh
- Winter Season: 154 KW CROD 395.681 MWh
- Term: December 1, 2004 through September 30, 2024

Las Vegas Paiute Tribe
- Summer Season: 721 KW CROD 1,955.003 MWh
- Winter Season: 523 KW CROD 1,344.303 MWh
- Term: December 1, 2004 through September 30, 2024

Hopi Tribe
- Summer Season: 2,716 KW CROD 7,361.755 MWh
- Winter Season: 2,810 KW CROD 7,222.839 MWh
- Term: November 22, 2004 through September 30, 2024

Yomba Shoshone Tribe
- Summer Season: 31 KW CROD 83.349 MWh
- Winter Season: 30 KW CROD 76.261 MWh
- Term: May 1, 2005 through September 30, 2024

Tucson Electric Power Company Firm capacity and Energy at Shiprock, San Juan, McKinley, Four Corners, Springerville and Saguaro Substations.
- Maximum Summer Supply: 80 MW
- Maximum Winter Supply: 120 MW
- Expires: December 31, 2009

Utah Power & Light Supplemental Resources at Red Mesa and Mexican Hat Substations
- Capacity and Energy as needed

Continental Divide Electric Cooperative, Inc., Purchase Power Agreement at Houck Substation, Barth Lake, Crownpoint and Standing Rock.
- Capacity and Energy as needed
- Expires: May 31, 2005, thereafter both parties shall negotiate to replace the contract

The existing Power Supply Agreement with TEP is going to expire before the projected five-year Integrated Resource Plan period. NTUA is planning to start negotiations with TEP for possible extension of Agreement and at the same time look for the most cost effective and reliable power suppliers in the market.

- **Demand Side Resources**

  NTUA has multiple ongoing Demand Side Management ("DSM") activities including a solar photovoltaic program, a SCADA system for load management, public education programs and several transmission and distribution system maintenance and upgrade programs resulting in reduction in line losses and increased efficiency. The Authority is in the process of constructing the new Burnside Substation, which can reduce the overall system losses by 60%. In addition, NTUA is currently performing studies to evaluate the potential wind resources on the Navajo Nation.

Identification and Comparison of Resource Options

The identification of options for additional resources within this IRP is coordinated through an examination of the costs and benefits for each resource. NTUA continues to look for other opportunities for energy savings from DSM, but must also weigh them in light of customer base demographics along with other factors. In addition, the vast expanse of NTUA's service area and the challenges associated with providing service to rural areas must also be taken into consideration when evaluating potential additional resources. Nevertheless, NTUA will continue its ongoing explorations of DSM activities and resources to further supplement active programs.

Designation of Options

NTUA will continue to evaluate additional resources on the least cost of ownership option basis as identified from a cost benefit analysis and within its contractual limitations under the TEP contract. This information is considered by the Management Board in public meetings and combined with other information to select an Action Plan for NTUA that confirms with the regulations and guidelines of the Energy Planning and Management Program. The selection of NTUA's Action Plan also includes consideration for reliability of service, economics, rate impacts and price elasticity, environmental effects, regulatory impacts and risks, legal considerations and risks, competitive impacts, social acceptance and public considerations and any other factors which may be identified from time-to-time which may be pertinent in selecting or implementing an Action Plan.

Action Plan

- **Resource Action Plan**

The time period covered by NTUA's Action Plan is the Five-Year period from 2006 through 2010.

NTUA has determined that providing reliable electric power at the lowest practicable cost, consistent with sound business principles allows the Authority will continue using its long-term entitlements of SLCA/IP and TEP resources to supply the Authority's projected long-term power requirements. The current federal and TEP resources will be sufficient for the Authority to meet its monthly power and energy requirements through the short-term and long-term planning periods; additional purchases of resources from PacifiCorp/Utah Power and Light and CDEC may also be made as necessary. Any anticipated load growth is expected to be met by current resources under contract; however, the Authority continues to investigate the potential benefit of distributed generation and other fossil fuel and renewable resource options. The Authority continuously revaluates the possible need for new resources, the availability of less costly resources and the potential for additional DSM activities. The Authority's Resource Action Plan enhances customer financial stability by providing services that will enhance property values and provide long-term stability in electric power rates.

Since no new resources are needed for normal operation, there are no milestones to evaluate accomplishment of the Plan activities. Nevertheless, the Authority will monitor any adjustments to the Plan for the long-term resource needs and will annually review its electric loads and resources for any significant changes. In the event the loads of the Authority increase above those levels represented in the Load and Resource information, other than normal deviations due to weather impacts, the Authority will review its forecast and evaluate the need for modifying its IRP and notify Western accordingly. In any event, the Authority will evaluate its load forecast and resource information in detail every year and refresh its IRP, in accordance with Western's regulations.

- **Conservation Action Plan**

The Authority will continue certain conservation activities to promote and maintain the energy efficiency of its distribution facilities and utilize opportunities to conserve electric and other resources. NTUA will invite each of the 13 Native American organizations involved with the contracting agreements to participate in conservation measures contemplated in the Energy Policy Act of 1992, including the Integrated Resource Planning process. NTUA will also offer assistance to each contracted organization wishing to participate in an Energy Planning Process.

Many of the Tribal organizations in the contracting agreements with NTUA may not have the opportunity or the responsibility for electrical energy delivery and therefore would be unable to make any decisions, which would impact conservation on a day-to-day basis within their area of concern. These organizations can, however, promote wise energy use and responsible conservation and NTUA will encourage each participant to act accordingly.

Period: Calendar Year 2006 through 2010
Activity: Solar Photovoltaic Program
SCADA Load Management System
Public Education Programs
Lighting Conversion Program
Transmission & Distribution System Improvements

- **Validation and Evaluation**

Solar Photovoltaic Program

NTUA initiated this program several years ago in an effort to provide electricity to rural areas of the Navajo Nation, where the traditional means of providing electricity through the distribution system was not feasible. Currently, NTUA has approximately 320 photovoltaic power systems. The Authority is looking at various funding opportunities available to purchase additional units. Each of these units provides electricity to a single household that otherwise would either remain without power or rely upon other less efficient power sources. In addition to this renewable resource program, NTUA is currently investigating Navajo Nation wind resources. An anemometer was installed at Gray Mountain, Arizona, for wind data collection, and two other potential sites have been identified for anemometer installation. NTUA plans to continue assessing the potential for wind resources on the Nation.

SCADA Load Management System

NTUA's Supervisory Control and Data Acquisition ("SCADA") system is currently used mainly for data acquisition and remote control for the remote electrical substations. Analog data received and monitored are voltages, currents, KW and KVAR for both the bus and each individual feeder; NTUA also obtains KW received at the delivery points with TEP. Discrete status points are also monitored, such as breaker open/close, non-reclosing, control malfunction, and AC power. NTUA monitors alarms on substation power transformers such as AC power to fans, and position indication of switches, etc. The SCADA system also allows for remote control of certain positions of the system. Remote control of electric devices was activated back in 2002, with the continued activation of devices over the next few years. During the year 2002, six G&W switches were installed and are remotely controlled from the Utility Operations Center (UOC). Currently, the Authority is implementing remote control of substation feeder reclosers so that it can open and

close breakers, place hot-line tags, and place breakers in non-reclosing. In the next few years, NTUA anticipates continuing the progression to remotely controlled breakers/reclosers and switches. The system also stores load data, which is adequate for system load studies. The system tagging is used to tag hot-line work, clearances, and warning of temporary de-rating of equipment, along with various other items.

In relation to the water system, analog data monitored are tank levels and *gpm* (gallons per minute) of pumps. Discrete alarm points monitored are pump and well statuses including AC power and pump availability. Some pumps can be controlled/overridden from the UOC by dispatchers, allowing NTUA the flexibility of load control. In the future, the SCADA system will be aimed at reducing on-peak demands and identifying areas to improve efficiency.

Public Education Programs

Public information and education is a primary goal of the NTUA Public Affairs Department (PAD). The department is designated and responsible for disseminating information to employees, customers and residents within the regional service area. Working closely with NTUA District offices, the PAD has undertaken various public awareness campaigns. NTUA also publishes and circulates newsletters to its customers with information on energy conservation; currently these are distributed quarterly, but NTUA hopes to expand their publication to every two months. PAD started making series of "how-to" videos with suggested titles including "How to Get the Best out of Your Photovoltaic Unit," "Ways to Conserve Water," and "Knowing Your Natural Gas System." As the PAD expands and continues its efforts, increased public awareness and conservation of energy, water and other resources are the anticipated results.

Lighting Conservation Program

In an effort to increase the efficiency of its lighting fixtures, NTUA has been changing out mercury vapor security lights with high-pressure sodium replacements. Conversions have been averaging about 450 lamps each year with average savings of 300-325 Kwh annually per lamp. This program is scheduled to be completed by 2006, resulting in improved efficiency and overall energy savings as the individual usage of each lamp decreases.

Transmission and Distribution Improvements

NTUA has considerable financial and administrative resources invested in the operation and maintenance of its transmission and distribution system. As might be anticipated, the extraordinary size of NTUA service area brings with it particular challenges. As part of its regular O&M efforts, NTUA has been engaging in several activities to reduce losses and to increase the overall efficiency and reliability of the system. Transformer loss evaluations have been performed, resulting in the purchase of high efficiency transformers, and a transformer change-out program with a

designed goal to change out transformers with less than 98.5% efficiency. Additions, improvements and/or changes to the system are considered in light of long-term needs and ramifications, extensive analysis of the existing system, and anticipated future growth as identified in the current Power Requirements Study. NTUA's current Long Range Plan for its system outlines the anticipated steps that will be taken to meet system needs through 2015, and it is updated with data from each new PRS. A revised Long Range Plan is under way and is expected to be completed by the end of this year. The Construction Work Plan details specific projects to be undertaken in two to four year periods with the long-term goals of the Long Range Plan in mind. Examples of recent system improvements include the proposed Burnside Substation, which is going to add additional capacity, reduces losses and improved the power quality. See **Appendix D** for further details.

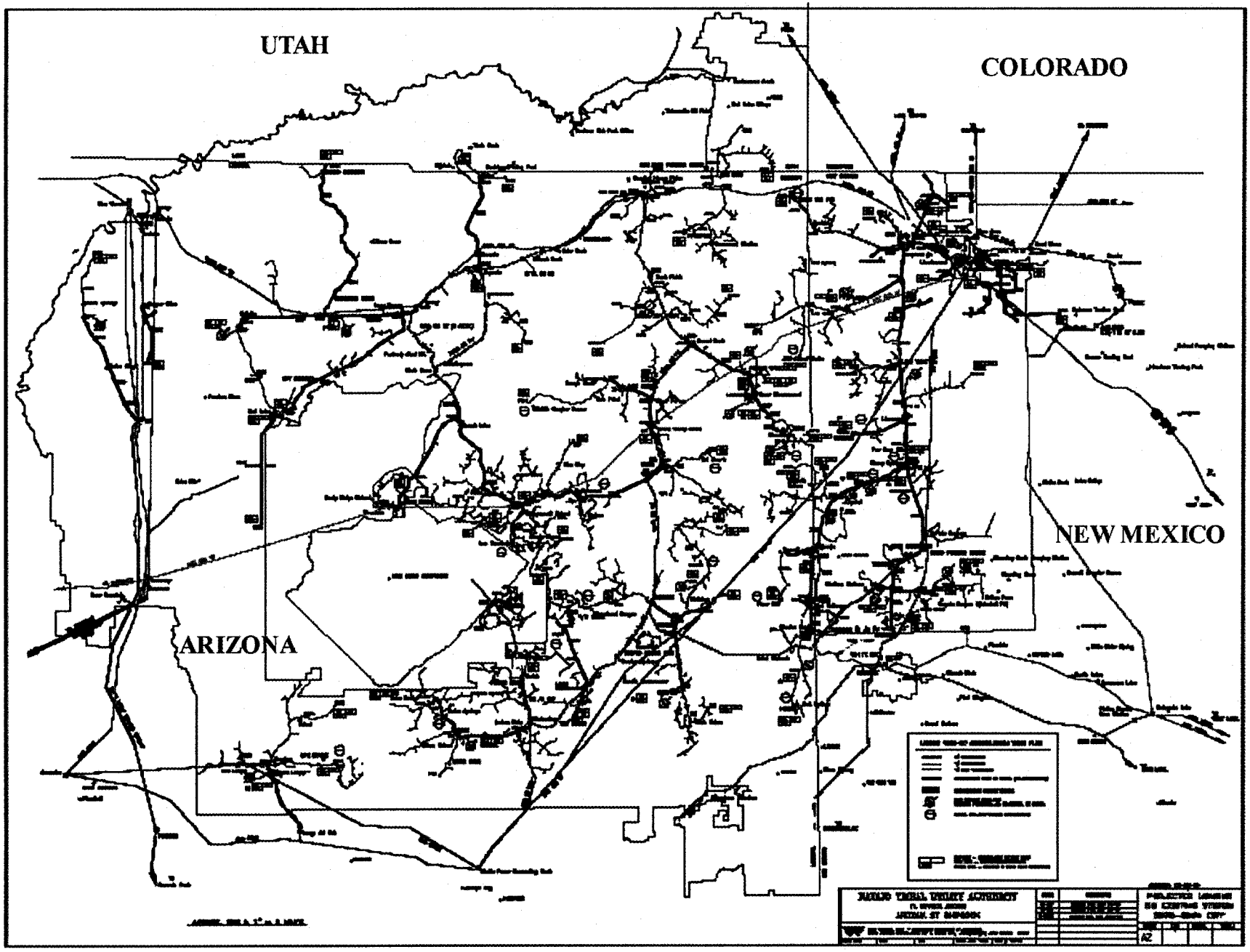
Environmental Effects

The Authority is required, to the extent practicable, to minimize adverse environmental effects of new resource acquisitions and document these efforts in the IRP. Under the Authority's current resource plan, the Authority utilizes hydro resources to meet approximately one third of its electrical loads. In case there is any additional allotment from CRSP, more of NTUA's loads may be met with hydro resources during the five-year planning period, resulting in additional environmental benefits. In addition, NTUA is actively pursuing renewable sources of energy such as solar and wind. To the extent the Authority is able to utilize these renewable resources, and sponsor conservation activities and informational activities with its customers, the anticipated environmental impacts will be beneficial and economically sound.

Public Participation

The Authority has held one public meeting to discuss the development of the Authority's IRP. Prior to the meeting, the Authority posted notice in advance of the meeting, giving the time and place of the meeting and specifying that the Authority would be considering a draft IRP at the meeting. The notice was posted in accordance with statutory open meeting law requirements. The notice stated that the draft IRP would be available to the public in advance of meeting and that public comment on the draft IRP would be accepted at the meeting. A copy of the notice is attached as **Appendix E**. In addition, the notice is also published in the local paper prior to the meeting. A copy of the notice published is also provided in **Appendix E**. There were no public comments.

The draft IRP was presented and approved by the NTUA Management Board at their Annual Meeting held on October 10, 2006.


UTAH
COLORADO
NEW MEXICO
ARIZONA

VOLUME I

ELECTRIC SERVICE RATE SCHEDULES

APPROVED BY: _____ DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: November 1, 1992

TABLE OF CONTENTS

RATE SCHEDULE ER-01 RATE CODE 1

Residential Service

Availability

Available to all customers located in Navajo Country along existing lines of the Authority, where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

Applicability

Applicable to electric service required for residential purposes in individual private homes or in individual metered apartments where service is provided at one point of delivery through one meter.

Character of Service

Single phase, 60 hertz, at one standard voltage (120/240 or 120/208 as maybe selected, subject to availability at the premises). Approval of the Authority must be obtained prior to the installation of any motor having a rated capacity of five (5) horsepower or more.

Net Monthly Rate

The monthly billing shall be the sum of the service charge and the energy charge set forth below:

Service Charge $3.00

Energy Charge

All KWH ..... $0.0660 per KWH

Monthly Minimum Charge

The monthly minimum charge shall not be less than the monthly service charge.

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmission of such power and energy.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE ER-02 RATE CODE 2

Residential Service-Electric Heat

Availability

Available to approved individual residential consumers located in Navajo Country along existing lines of the Authority, when facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

Applicability

Applicable to electric service required for permanently installed space heating and other residential purposes in individual private homes or apartments where service is provided and measured at one point of delivery through one meter.

Character of Service

Single phase, 60 hertz, at one standard voltage, 120/240 or 120/208 as may be selected, subject to availability at the premises. Approval of the Authority must be obtained prior to the installation of any motor having a rated capacity of five (5) horsepower.

Net Monthly Rate

The monthly billing shall be the sum of the service charge and the energy charge set forth below:

Service Charge $7.00

Energy Charge

All KWH ..... $0.0580 per KWH

Monthly Minimum Charge

The monthly minimum charge shall not be less than the monthly service charge.

Special Conditions

A. The installation of electric space heating according to plans and specifications for construction of the residence which have been approved in advance by the Authority is a prerequisite to the availability of this rate schedule. the Authority does not assume any responsibility for installation or operations of the customer's space heating equipment, nor does the Authority assume any responsibility with respect to the customer's premises, such as the insulation of the area to be heated.

APPROVED BY: [signature] DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: October 1, 1993

RATE SCHEDULE ER-02 (continued) RATE CODE 2

Special Conditions (continued)

B. The use of electrical energy as fuel for not less than 90% of the space heating requirements of a residence is necessary to qualify for this rate.

C. The entire cost of the entrance to service installations under this schedule (except the meter) shall be paid for by the customer.

D. This rate is not available on a seasonal basis, and the Authority reserves the right to inspect the premises and make such investigations as may be desirable in its sole discretion to determine whether or not the requirements of this rate schedule are being met.

E. All heaters larger than 1650 watts shall be designated to operate at 208 volts or 240 volts, whichever is available.

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmitting of such power and energy.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE EG-03

RATE CODE 3

General Service

Availability

Available to all consumers located in Navajo Country along existing lines of the Authority, where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

Applicability

Applicable for commercial, industrial, institutional, three-phase farm and home service, and all other uses not ordinarily considered as normal residential, home, or farm use.

Character of Service

Normally 120/240 volts, single phase, 240 or 480 volts three-phase or 120/208 volts four-wire, combination single and three-phase, 60 hertz, through a single set of service wires. A demand meter is required for service under this rate schedule when minimum demand is 25 KW or more.

Net Monthly Rate

The monthly billing shall be the sum of the service charge and the demand and energy charges set forth below:

Service Charge	$6.00
Demand Charge:	
First 25 KW	None
Next 175 KW	$4.00 per KW
Additional KW	$3.00 per KW
Energy Charge:	
First 200 KWH	$0.0900 per KWH
Next 800 KWH	$0.0800 per KWH
Next 6,000 KWH	$0.0700 per KWH
Additional KWH	$0.0650 per KWH

APPROVED BY: [signature]

DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: October 1, 1993

RATE SCHEDULE EG-03 (continued) RATE CODE 3

Determination of Billing Demand

The billing demand shall be the maximum 15-minute integrated or thermal kilowatt demand established by the customer during the month for which the bill is rendered, as recorded or indicated by the demand meter and adjusted for power.

If the customer's power factor is less than eighty-five percent (85%), the customer shall be required to pay for eighty-five (85%) of the KVA and KVAH used.

Monthly Minimum Charge

The monthly minimum charge shall be the highest of the following charges:

1. A charge of $16.20 or

2. The minimum monthly charge specified in the customer's service application or contract.

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmission of such power and energy.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE EL-04 RATE CODE 4

Oil and Gas Field Service

Availability

Available to all consumers located in Navajo Country along existing lines of the Authority, where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. A service application or contract shall be entered into between the customer and the Authority for a term of not less than 12 months.

Applicability

Applicable to electric service for installations of oil and gas industry as required at one point of deliver through a single meter at primary voltage available at the location from the Authority's lines.

Character of Service

Normally three-phase, 60 hertz, at the Authority's primary system voltage, with demand metering required.

Net Monthly Rate

The monthly billing shall be the sum of the service charge and the demand and energy charges set forth below:

Service Charge	$12.00
Demand Charge:	
All KW	$4.25 per KW
Energy Charge:	
All KWH	$0.0605 per KWH

Determination of Billing Demand

The billing demand shall be the maximum 15-minute integrated or thermal kilowatt demand established by the customer during the month for which the bill is rendered, as recorded or indicated by the demand meter and adjusted for power factor as provided in the next paragraph.

If the customer's power factor is less than eighty-five percent (85%), the customer shall be required to pay for eighty-five (85%) of the KVA and KVAH used.

APPROVED BY: [signature] DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: October 1, 1993

RATE SCHEDULE EL-04 (continued) RATE CODE 4

Monthly Minimum Charge

The monthly minimum charge shall be the highest of the following charges:

1. A charge of $90.00 or

2. The minimum monthly charge specified in the customer's service application or contract.

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 cents per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmission of such power and energy.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE EL-05 RATE CODE 5

Large Power Service (Primary)

Availability

Available to all customers located in Navajo Country where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served. A written contract shall be entered into between the customer and the Authority for a term of not less than 36 months.

Applicability

Applicable to electric service at primary voltage, as required by customers, and as available from the Authority.

Character of Service

Normally, service at primary voltage, 2,400 volts or higher, three-phase, 60 hertz, with demand metering required.

Net Monthly Rate

The net monthly billing shall be the sum of the demand and energy charges set forth below, subject to adjustments as provided in this rate schedule:

Demand Charge:

All KW (of Billing Demand) ..... $16.50 per KW

Energy Charge:

All KWH ..... $0.0200 per KWH

Determination of Billing Demand

The billing demand shall be the higher of (I) the Contract Demand as set forth in a contract between NTUA and the customer, or (II) the maximum fifteen (15) minutes integrated demand established by the customer during the current month or the previous eleven (11) months, as measured by standard metering equipment, but in no event less than 1000 KW.

Monthly Minimum Charge

The monthly minimum charge shall be the demand charge applied to the Billing Demand, as determined above, or as provided in the Contract with the customer.

RATE SCHEDULE EL-05 (continued) RATE CODE 5

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmission of such power and energy.

Power Factor Adjustment

The measured demand may be adjusted if, during the period of customer's maximum demand, the power factor is found to be less than ninety percent (90%). The adjustment shall be made by increasing the measured demand one kilowatt for each KVA or fraction thereof by which the actual KVA demand exceeds the KVA demand at ninety percent (90%) power factor.

Peak Demand Adjustment

In the event the momentary peak demands of customer result in an increase in kilowatt Billing Demand to NTUA by a supplier of power to NTUA, a like increase in the billing Demand will be made to the customer.

Excess Delivery

The delivery of power in excess of the contract demand shall not obligate NTUA to continue the delivery of such excess; and in the event that NTUA is unable to continue such deliveries, the billing demand shall reduce accordingly.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE ES-06

RATE CODE 6

Public Street, Highway and Private Area Lighting

Availability

Available to individual customers, public agencies and government instrumentalities, or other customers of the Authority in Navajo Country located along existing lines of the Authority.

Applicability

Applicable to dusk to dawn overhead lighting of streets, thoroughfares, private areas, alleys, grounds, and other areas.

Character of Service

The Authority will install a dusk to dawn luminaire on existing service poles and maintain the necessary facilities, including lamps, fixtures, controls, and so forth in accordance with its specifications; and supply electric energy for dusk to dawn operation of the lamps. Lamp replacements will be made by the Authority within a reasonable time of a reported outage.

Net Monthly Rate

The net monthly billing shall be as follows:

Monthly Charge ..... $7.75 per Lamp

Special Conditions - Dusk to Dawn Lights

A. General. All currently available dusk to dawn lights are equipped with 120 volt, 2 wire ballasts. Other than the lamp, fixture and connection to the unmetered supply on an existing pole and all facilities including new poles and service cable shall be considered as extension facilities and shall be paid for by the customer.

B. Establishment Fee. A non-refundable establishment fee of $10.00 per lamp shall be paid in advance by the customer for the establishment of a dusk to dawn light.

C. Extensions. The maximum span on unguyed #4 duplex is 150 feet. If an extension exceeds 150 feet, an additional pole will be required for each 150-foot span or portion thereof. Customer shall pay all costs attributable to new facilities and extensions.

D. Ownership of Facilities. All lamps, poles, and fixtures shall be and remain the property of the Authority.

APPROVED BY: [signature] DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: November 1, 1992

RATE SCHEDULE ES-06 (continued) RATE CODE 6

E. Vandalism. Excessive vandalism, as determined in the discretion of the Authority, shall result in removal of the light and any extension facilities. The Authority may give reasonable notice of its intention to terminate service for vandalism.

F. Maintenance. The customer shall be responsible for any damage to facilities caused by him or instrumentalities under his control. Maintenance of all facilities shall be provided by the Authority.

G. Outages. It shall be the duty of the customer to report to the Authority the failure of any lamp to burn or to burn adequately. The Authority will, during regular working hours, perform the necessary maintenance to restore proper service within a reasonable time.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

RATE SCHEDULE ES-07

RATE CODE 7

Special Area Lighting Service

Availability

Available to public agencies and government instrumentalities, or other customers of the Authority in Navajo Country located along existing lines of the Authority.

Applicability

Applicable to lighting of stadiums, athletic grounds, rodeo arenas and other special areas for public agencies, government instrumentalities, and others under a contract for a specified term, where the Authority furnishes electric service to facilities owned by the customer.

Character of Service

Normally, single phase, 60 hertz, at one standard voltage, as may be selected (not over 480 volts), subject to availability at the premises.

Net Monthly Rate

The monthly billing shall be in accordance with contract terms.

Special Conditions

A. Service under this rate is limited to those situations where high level lighting is required for a specified area, such as an athletic field, rodeo arena and so forth.

B. Individual contracts must be negotiated with the Authority for such applications.

C. The Authority reserves the right to require a deposit guaranteeing performance by the customer of the contract payments.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service

RATE SCHEDULE EL-10 RATE CODE 10

Irrigation

Availability

Available to all consumers located in Navajo Country along existing lines of the Authority, where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served.

Applicability

Applicable for irrigating pumping service used for business purposes.

Character of Service

Normally 120/240 volts, single phase, 240 or 480 volts three-phase or 120/208 or 277/480 volts four-wire, combination single and three-phase, 60 hertz, through a single set of service wires. A demand meter is required for service under this rate schedule.

Net Monthly Rate

The monthly billing shall be the sum of the service charge and the demand and energy charges set forth below:

Service Charge	$6.00
Demand Charge:	
All KW	$3.50 per KW
Energy Charge:	
All KWH	$0.0570 per KWH

Determination of Billing Demand

The billing demand shall be the maximum 15-minute integrated or thermal kilowatt demand established by the customer during the month for which the bill is rendered, as recorded or indicated by the demand meter and adjusted for power factor as provided in the next paragraph.

If the customer's power factor is less than ninety percent (90%), the customer shall be required to pay for ninety (90%) of the KVA and KVAH used at the KW Demand Charge for KVA and at the KWH Energy Charge for KVAH.

APPROVED BY: [signature] DATE OF APPROVAL: September 24, 1992

EFFECTIVE DATE: October 1, 1993

RATE SCHEDULE EL-10 (continued) RATE CODE 10

Monthly Minimum Charge

The monthly minimum charge shall be the highest of the following charges:

1. A charge of $17.55 or

2. The minimum monthly charge specified in the customer's service application or contract.

Adjustment for Purchase Power Cost Changes

The above rates are subject to increase or decrease by the amounts by which the Cost of Purchased Power exceeds or is less than $0.03574 per KWH sold. The Cost of Purchased Power includes all costs of purchased capacity and energy, and the costs paid to others for the transmission of such power and energy.

Terms and Conditions

Subject to the Authority's rules and regulations for electric service.

nneth Craig, Manager
Operations/Engineering

INTEROFFICE MEMO

For meeting w WAPA

NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO TRIBE

April 1, 1994

M E M O R A N D U M

TO : All Employees with an Assigned Tariff Manual

FROM : Marlene A. Lynch, Manager, Financial/Administration Division

SUBJECT: New Solar Photovoltaic Rate Schedules

Attached are the Solar Photovoltaic tariff sheets which reflect the new rates approved by the Management Board on March 10, 1994.

Please insert these new sheets in your Tariff Manual and discard the old ones if any. Thank you.

Marlene A. Lynch

MAL/ts

Attachment

xc: Distribution
Malcolm P. Dalton

Please ☐ Copies ☐ File

☐ READ To _____
☐ HANDLE 1. _____
☐ APPROVE 2. _____
and
☐ FORWARD 3. _____
☐ RETURN 4. _____
☐ KEEP OR DISCARD 5. _____
☐ REVIEW WITH ME 6. _____

Date _____ From _____

RATE SCHEDULE PV-01 RATE CODE *

Solar Photovoltaic (PV) Service (Experimental Pilot Program)

Availability

Available to customers who do not reside along existing electric lines of the Authority, who resides in areas reasonably accessible by standard utility vehicles, and who enter into a Solar Photovoltaic Service Agreement with the Authority.

Eligibility

The Authority has the sole right to determine eligibility for services under this schedule.

Character of Service

Three types of PV systems are available: (1) Two-module (120 Wp) DC system; (2) four-module (240 Wp) DC system; and (3) four-module (240 Wp) AC system. A system will be specified by the Authority based on the service requirements requested by the customer.

All repair and maintenance of the PV system will be provided by the Authority. Prudent utility practices will be followed for all necessary repair or maintenance. The Authority will use its best effort to provide the customer a minimum of 24 hours notice prior to performing preventative maintenance.

The customer is responsible for providing the customer site and the connections from the point of service to the customer's facilities, and for permitting the appropriate access to the PV system. The customer site and customer connections must be approved by the Authority and must meet all safety codes.

Net Monthly Rate

The monthly charge for service under this schedule is as follows:

Type of PV System	*Rate Code	Rate
120 Wp System	18	$35.00 per month
240 Wp System	19	$40.00 per month

Special Conditions

A. In the event the customer cancels the Solar PV Service Agreement, the customer shall pay to the Authority the "non-salvable cost" of the PV system.

APPROVED BY: [signature] DATE OF APPROVAL: April 1, 1994

EFFECTIVE DATE: March 10, 1994

RATE SCHEDULE PV-01 (continued) RATE CODE *

B. Any use by the customer of the PV system not in compliance with the design specifications for such system or not in compliance with the provisions of this schedule may result in the removal by the Authority of the PV system.

C. The Authority reserves the right to remove the PV system if the Authority determines that the continued use of the facilities by the customer poses a threat of injury or damage to persons or property.

D. In the event the Authority removes the PV system under the provisions of Sections B and C above, the customer will be obligated to pay to the Authority the "non-salvable cost" of the PV system.

E. Electric service under this schedule is limited to that provided by the PV system. The Authority is under no obligation to provide electric service to the customer at any time by means of the Authority's transmission or distribution system.

F. The PV facilities to be installed pursuant to the agreement will remain the property of the Navajo Tribal Utility Authority. This program is developmental and while the Authority intends to promote and expand its PV capability, it must be recognized that the Authority is not presently able to assure long term availability of service or rate levels. The Authority thus reserves the right to make changes in rates or, if necessary, to terminate the PV service availability.

G. The Authority shall have sole ownership of the PV system.

Terms and Conditions

A. Subject to the Authority's rules and regulations for electric service.

B. New service under this schedule will not be available after April 1, 1996.

NAVAJO TRIBAL UTILITY AUTHORITY
2005 POWER REQUIREMENT STUDY
TOTAL REVENUE PRODUCING CUSTOMERS
BASE LINE ECONOMIC AND WEATHER FORECAST
UPDATED THROUGH 2005

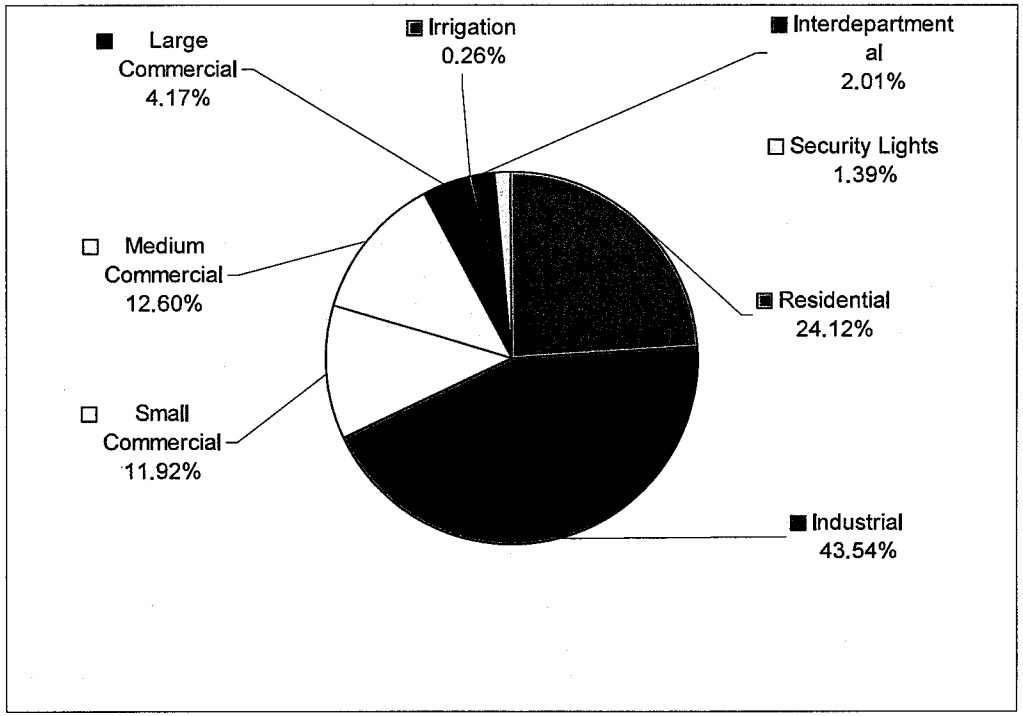
	YEAR	Number of Customers	Customer Growth Rate %	KWH Sold	Sales Growth Rate %	%Loss Factor	Purchased Power	Purchased Power Growth Rate %	Peak Demand	Peak Demand Growth Rate %	Average Annual Load Factor	Total Energy Per Customer
	1978	12,788		366,719,448		6.20%	390,938,555		80,248		52%	28,677
	1979	13,525	6%	400,230,300	9%	8.86%	439,124,056	12%	84,309	5%	54%	29,592
	1980	14,089	4%	426,418,308	7%	6.10%	454,132,606	3%	84,876	1%	57%	30,266
	1981	14,563	3%	438,315,060	3%	6.58%	469,170,386	3%	90,078	6%	56%	30,098
	1982	14,958	3%	475,925,016	9%	5.61%	504,186,960	7%	93,266	4%	58%	31,817
	1983	15,600	4%	455,851,848	-4%	6.35%	486,739,690	-3%	100,155	7%	52%	29,221
	1984	16,586	6%	474,153,204	4%	9.37%	523,195,410	7%	115,506	15%	47%	28,588
	1985	17,428	5%	447,497,700	-6%	7.25%	482,485,942	-8%	101,750	-12%	50%	25,677
	1986	18,056	4%	491,873,376	10%	6.20%	524,357,592	9%	104,685	3%	54%	27,242
	1987	19,537	8%	468,893,424	-5%	10.63%	524,660,487	0%	112,841	8%	47%	24,000
	1988	20,530	5%	509,828,148	9%	9.01%	560,303,769	7%	118,065	5%	49%	24,833
	1989	21,507	5%	484,240,632	-5%	10.29%	539,808,290	-4%	118,744	1%	47%	22,515
	1990	22,464	4%	495,846,468	2%	8.46%	541,682,308	0%	106,323	-10%	53%	22,073
	1991	23,668	5%	520,660,188	5%	7.73%	564,255,262	4%	109,570	3%	54%	21,998
	1992	24,853	5%	516,213,528	-1%	8.23%	562,492,349	0%	110,226	1%	53%	20,771
	1993	25,833	4%	502,073,753	-3%	8.37%	547,959,819	-3%	107,938	-2%	53%	19,435
	1994	26,763	4%	501,341,503	0%	8.67%	548,911,916	0%	107,122	-1%	53%	18,733
	1995	27,612	3%	526,431,652	5%	8.99%	578,433,841	5%	109,170	2%	55%	19,065
	1996	28,499	3%	535,296,655	2%	7.21%	576,870,490	0%	110,178	1%	55%	18,783
	1997	29,366	3%	592,001,171	11%	6.62%	633,988,433	10%	113,887	3%	59%	20,159
	1998	29,976	2%	599,324,014	1%	6.72%	642,485,697	1%	111,367	-2%	61%	19,993
	1999	30,930	3%	597,030,009	0%	6.98%	641,822,709	0%	118,956	7%	57%	19,303
	2000	31,935	3%	634,380,890	6%	6.71%	680,024,631	6%	114,757	-4%	63%	19,865
	2001	32,645	2%	644,628,878	2%	5.30%	680,670,722	0%	108,253	-6%	68%	19,747
	2002	34,742	6%	646,454,107	0%	9.85%	717,115,180	5%	111,909	3%	66%	18,607
	2003	36,885	6%	676,133,543	5%	8.62%	739,899,166	3%	113,886	2%	68%	18,331
	2004	37,424	1%	704,817,615	4%	8.25%	768,157,612	4%	129,838	14%	62%	18,833
Historical	2005	37,677	1%	695,545,740	-1%	7.80%	754,400,228	-2%	136,898	5%	58%	18,461

Forecast	2006	39,184	4%	619,035,709	-11%	7.80%	671,416,203	-11%	121,839	-11%	58%	15,798
	2007	40,751	4%	637,606,780	3%	7.80%	691,558,689	3%	125,494	3%	58%	15,646
	2008	42,382	4%	656,734,983	3%	7.80%	712,305,450	3%	129,259	3%	58%	15,496
	2009	43,653	3%	676,437,033	3%	7.80%	733,674,613	3%	133,137	3%	58%	15,496
	2010	44,963	3%	696,730,144	3%	7.80%	755,684,852	3%	137,131	3%	58%	15,496
	2011	46,311	3%	710,664,747	2%	7.80%	770,798,549	2%	139,874	2%	58%	15,345
	2012	47,701	3%	724,878,042	2%	7.80%	786,214,520	2%	142,671	2%	58%	15,196
	2013	49,132	3%	739,375,602	2%	7.80%	801,938,810	2%	145,525	2%	58%	15,049
	2014	50,114	2%	754,163,114	2%	7.80%	817,977,586	2%	148,435	2%	58%	15,049
	2015	51,618	3%	769,246,377	2%	7.80%	834,337,138	2%	151,404	2%	58%	14,903
	2016	52,650	2%	784,631,304	2%	7.80%	851,023,881	2%	154,432	2%	58%	14,903
	2017	53,703	2%	800,323,930	2%	7.80%	868,044,358	2%	157,521	2%	58%	14,903
	2018	54,777	2%	808,327,170	1%	7.80%	876,724,802	1%	159,096	1%	58%	14,757
	2019	55,873	2%	816,410,441	1%	7.80%	885,492,050	1%	160,687	1%	58%	14,612
	2020	56,990	2%	824,574,546	1%	7.80%	894,346,970	1%	162,294	1%	58%	14,469
	2021	58,130	2%	832,820,291	1%	7.80%	903,290,440	1%	163,917	1%	58%	14,327
	2022	59,293	2%	841,148,494	1%	7.80%	912,323,344	1%	165,556	1%	58%	14,186
	2023	60,479	2%	849,559,979	1%	7.80%	921,446,578	1%	167,211	1%	58%	14,047

NAVAJO TRIBAL UTILITY AUTHORITY

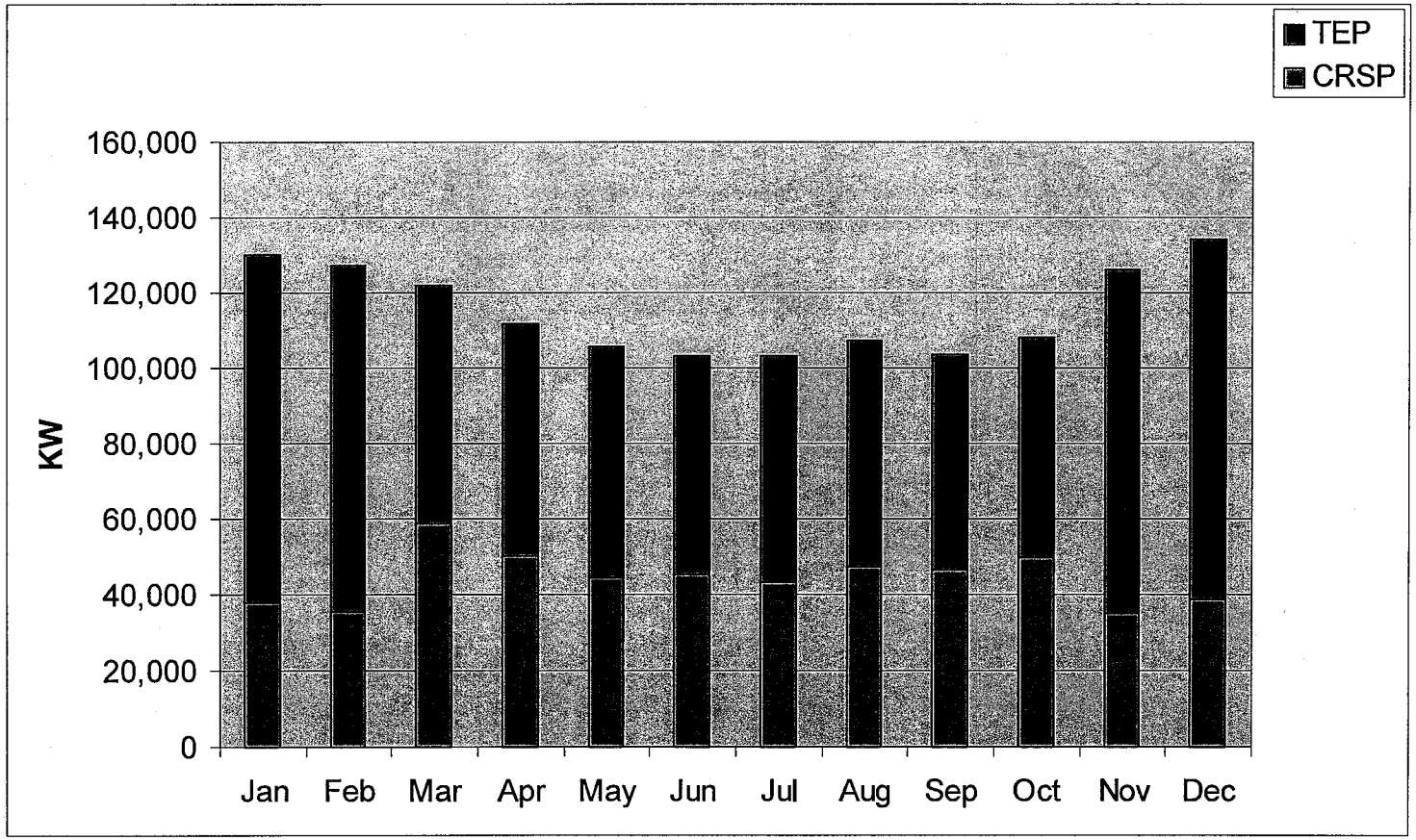
LOAD DISTRIBUTION

Rate Class	Average Mo.# of Customers	2005 KWH Usage From RUS Form 156
Residential	34,130	167,743,280
Industrial	5	302,845,669
Small Commercial	3,273	82,888,459
Medium Commercial	201	87,619,040
Large Commercial	21	29,007,485
Irrigation	85	1,797,320
Interdepartmental	441	13,963,966
Security Lights	12,912	9,680,491
Total (Excluding Sec. Lights)	38,157	



NAVAJO TRIBAL UTILITY AUTHORITY

SCHEDULED RESOURCES TO COVER TYPICAL PEAK DEMAND



	Resources											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CRSP	37,764	35,606	58,610	50,316	44,415	45,390	43,419	47,317	46,653	49,792	35,286	38,959
TEP	92,458	91,558	63,495	61,497	61,336	57,768	59,960	60,221	57,020	58,451	90,734	95,383
Peak Demand	130,222	127,164	122,105	111,813	105,751	103,158	103,379	107,538	103,673	108,243	126,020	134,342

NAVAJO TRIBAL UTILITY AUTHORITY

2006 - 2009 FOUR - YEAR CONSTRUCTION WORK PLAN

RUS Code					Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
	1. New Member Line Extensions - 100									
101		a. Underground Consumers								
			1)	Underground	$125,145	$125,145	$125,145	$125,145	$500,580	
				71 consumers, 1.8 miles, loan fund cost of						
				$83,500 and actual cost of $278,100/mile						
			2)	Total - Underground Consumers	$125,145	$125,145	$125,145	$125,145	$500,580	
102		b. Aerial Consumers								
			1)	Overhead	$6,642,975	$6,642,975	$6,642,975	$6,642,975	$26,571,900	
				5429 consumers, 770.2 miles, loan fund cost of						
				$10,400 and actual cost of $34,500/mile						
			2)	Navajo Electrical Demonstration Project, 1750	$2,200,000	$2,200,000	$0	$0	$4,400,000	
				consumers, 131.5 miles of line						
			3)	Total - Overhead Consumers	$8,842,975	$8,842,975	$6,642,975	$6,642,975	$30,971,900	
		c.	Major Developments							
* 103.020			1)	Hopi Turquoise Community	$407,000	$0	$0	$0	$407,000	Project will be deferred.
				1 consumer - 13.03 miles						
* 103.021			2)	Tuba City - Moenave	$617,000	$0	$0	$0	$617,000	
				86 consumers - 14.43 miles						
* 103.039			3)	Coyote Canyon South	$366,000	$0	$0	$0	$366,000	Construction in progress
				14 consumers - 9.25 miles						
* 103.040			4)	Shiprock (Mancos Creek)	$385,000	$0	$0	$0	$385,000	Construction in progress
				11 consumers - 10.84 miles						
				8 consumers - 2.63 miles						
103.049			10)	Teec Nos Pos (West Extension)	$826,353	$0	$0	$0	$826,353	
				36 consumers - 19.48 miles						
103.050			11)	Bodaway/Gap (South of the Gap)	$554,526	$0	$0	$0	$554,526	Construction in progress
				20 consumers - 11.87 miles						
103.051			12)	Coppermine (South Extension)	$426,961	$0	$0	$0	$426,961	Construction in progress.
				17 consumers - 14.62 miles						
103.052			13)	Rock Point (North - Phase VIII-B)	$228,761	$0	$0	$0	$228,761	
				8 consumers - 6.27 miles						
103.053			14)	Tsaile/Wheatfields (South of Wheatfields Lake)	$499,720	$0	$0	$0	$499,720	
				32 consumers - 9.70 miles						
103.054			15)	Lukachukai Southwest	$346,045	$0	$0	$0	$346,045	
				20 consumers - 9.70 miles						
103.055			16)	Oljato (Douglas Mesa)	$845,950	$0	$0	$0	$845,950	Construction in progress
				35 consumers - 23.95 miles						
103.056			17)	Kayenta, Gouldings Junction to Monument	$750,000	$0	$0	$0	$750,000	
				Valley Visitors Center, 4.3 miles UG and 0.5						
				miles OH						

RUS Code				Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
		18)	Total - Major Developments	$6,253,316	$0	$0	$0	$6,253,316	
	d.		Total - New Construction	$15,221,436	$8,968,120	$6,768,120	$6,768,120	$37,725,796	
	2. New Tie Lines - 200								
220.23	a.		Lechee to Antelope Point, build 7 miles of 3-ph	$450,000	$0	$0	$0	$450,000	
			4/0 ACSR						
220.24	b.		Shiprock No. 2, Shiprock No. 2 substation to	$310,000	$0	$0	$0	$310,000	
			Red Valley Tap, build 6.2 miles of 477 MCM						
			ACSR, to form new feeder from substation						
			to section 50436						
220.25			Shiprock No. 1, Shiprock Hospital to Horseshoe		$100,000				New project - Need B.C.
			Canyon line, build 1.58 miles of 477 MCM to form						
220.26			Shiprock No. 1, Shiprock No. 1 (new substation) to		$200,000				New project - Need B.C.
			Shiprock No. 1 (old substation), build 2.0 miles of						
			954 MCM, express feeder, 3 circuits						
220.27			Navajo, Navajo Substation to Sawmill Circuit,		$170,000				
			build 2.0 miles of (wire size) to provide access for the Dam						
	c.		Total - New Tie Lines	$760,000	$470,000	$0	$0	$760,000	
	3. Conversion and Line Changes - 300								
320.22	a.		Bitahochee, Bitahochee to Dilcon, reconductor	$0	$0	$734,000	$0	$734,000	Moved from 2007 to 2008
			16.3 miles 3-ph #2 ACSR to 336 MCM ACSR						
320.23	b.		Burnside, Klagetoh to Wide Ruins, convert	$0	$385,000	$0	$0	$385,000	
			8.0 miles, 1-ph #4 ACSR to 3-ph #1/0 ACSR						
320.24	c.		Lower Greasewood, north of Lower Greasewood	$250,000	$0	$0	$0	$250,000	
			to Whitecone High School, reconductor						
			5.0 miles 3-ph #4 ACSR to #1/0 ACSR						
320.25	d.		Fort Defiance, Coyote Canyon Chapter House						
			to Standing Rock, convert 15.5 miles of 1-ph	$0	$0	$620,000	$0	$620,000	
			#4 ACSR to 3-ph #4/0 ACSR						
320.26	e.		Fort Defiance, Fort Defiance to Window Rock,						
			reconductor 4.0 miles of 3-ph #4 ACSR to	$0	$160,000	$0	$0	$160,000	
			3-ph 336 MCM ACSR						
320.27	f.		Shiprock No. 2 - R215, convert 1.5 miles of 1-ph	$60,000	$0	$0	$0	$60,000	
			# 4 ACSR to 3-ph 1/0 ACSR line, sections 50395 to 28787						
320.28	g.		Fort Defiance, Tohatchi to Dezza Bluff, convert	$0	$0	$0	$402,000	$402,000	
			6.70 miles, #4 ACSR to 1/0 ACSR						
320.29	h.		Tohatchi, Tohatchi to Sheepsprings, upgrade	$0	$0	$0	$1,875,000	$1,875,000	
			25.0 miles, #4 ACSR to 336 MCM ACSR @						
			$75,000/mile						
320.30	i.		Standing Rock, convert 12.5 miles of 1-ph #4 ACSR	$0	$0	$375,000	$0	$375,000	
			to 1-ph 1/0 ACSR, construct with spacings for 3-ph						
			conversion, sections 47217 to 118420						

RUS Code				Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
320.31		j.	Shiprock No. 2, Shiprock Substation to Burnham	$0	$610,000	$610,000	$0	$1,220,000	Split cost between 2007 and 2008
			Junction, convert 24.4 miles of #4 and 2/0 ACSR to						
			477 MCM ACSR, substation to section 12						
320.32		k.	Shiprock No. 1, Shiprock Substation to Foutz	$0	$0	$0	$200,000	$200,000	
			Trading Company, reconductor 1.5 miles of						
			3-ph #4 ACSR to 336 MCM ACSR						
320.33		l.	Shiprock No. 2, Red Valley Junction to Mitten	$0	$0	$700,000	$0	$700,000	
			Rock, reconductor 13.0 miles, 3-ph #4 ACSR						
			to 477 MCM ACSR						
320.34		m.	Tsegi, Plenty Water to Red Lake, convert 10.0	$0	$0	$0	$534,000	$534,000	
			miles of 1-ph #1/0 ACSR to 3-ph #1/0 ACSR						
320.35		n.	Burnside, R315, Ganado to Woodsprings,	$0		$320,000		$320,000	Moved from 2007 to 2008
			convert 8.0 miles of 1-ph #4 ACSR to 3-ph						
			#1/0 ACSR, sections 29597 to 29569						
320.36		o.	Coalmine, Hunters Point, convert 0.7 miles	$0	$0	$32,000	$0	$32,000	
			of 1-ph #4 ACSR to 3-ph 1/0 ACSR, sections						
			1526 to 1536						
320.37		p.	Chinle, R358, convert 1.0 miles of #4 ACSR	$65,000	$0	$0	$0	$65,000	
			to 477 MCM ACSR, sections 6747 & 6749						
320.38		q.	Ft. Defiance, R141, convert 0.1 miles of #4 ACSR	$0	$0	$0	$11,000	$11,000	Completed in 2006.
			to 477 MCM ACSR, sections 31504, 31505,						
			52984 & 52985						
		s.	Total - Conversions, etc.	$375,000	$1,155,000	$3,391,000	$3,022,000	$7,943,000	
	4. New Substations & Switching - 400								
420.06		b.	Pinon Substation, 12/16/20 MVA, operated at	$0	$1,400,000	$0	$0	$1,400,000	
			115:69 - 24.94/14.4 kV, built for four circuits						
420.05			Shiprock No. 1 Substation, 12/16/20 MVA operated		$1,500,000			$1,500,000	Added to CWP
			at 115:69 - 24.94/14.4 kV, built for four circuits						
		c.	Total - New Substations & Switching	$0	$1,400,000	$0	$0	$1,400,000	
	5. Substation Changes - 500								
* 520.13		a.	LeChee - increase capacity from 1500 kVA to	$0	$550,000	$0	$0	$550,000	
			5000 kVA						
* 520.16		b.	Bitahochee - increase capacity 2500 kVA to	$500,000	$0	$0	$0	$500,000	
			7500 kVA						
520.20		c.	Rock Point, relocate 1.5 MVA substation operated	$0	$0	$800,000	$0	$800,000	
			at 69_24.94/14.4 kV						
520.21		d.	Jeddito, upgrade 500 kVA wye-wye transformers	$0	$500,000	$0	$0	$500,000	
			to one 1500 kVA 3-ph transformer, operated at						
			69-24.94/14.4 kV, add mobile setup, electronic						
			reclosers, etc.						
520.22		e.	Chinle, upgrade control for VWVE to Form 6 SCADA	$0	$50,000	$50,000	$0	$100,000	Cost split between 2007 and 2008
520.24		g.	Baby Rocks, change-out poles and platform, upgrade	$50,000	$0	$0	$0	$50,000	
			substation fence and ground grid						

RUS Code				Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
520.25	h.		Cornfields, replace 500 kVA transformer, new	$75,000	$0	$0	$0	$75,000	
			foundation and pedestal, operated at 40 to 14.4 kV						
520.26	i.		Lower Greasewood, upgrade 1.5 MVA to 3.75 MVA	$250,000	$0	$0	$0	$250,000	Changing 2.5 MVA to 3.75 MVA
			operated at 69 to 24.94/14.4 kV						using transformer from Bitahochee
520.27	j.		Shiprock No. 2, upgrade bus for higher ampacity	$150,000	$0	$0	$0	$150,000	
			and add new feeder bay equipment						
520.28	k.		Ned Yazzie Camp, ugrade from 25 to 75 kVA,	$0	$23,000	$0	$0	$23,000	Need final cost estimate
			operated at 40 to 14.4 kV, install ground grid, recloser,						
			and fence						
520.29	l.		Whitegrass Camp, install ground grid, recloser,	$0	$21,000	$0	$0	$21,000	Need final cost estimate
			and fence						
520.30	m.		Lakes Camp, ugrade from 25 to 75 kVA,	$0	$23,000	$0	$0	$23,000	Need final cost estimate
			operated at 40 to 14.4 kV, install ground grid, recloser,						
			and fence						
520.31	n.		Church Rock, ugrade from 25 to 167 kVA,	$0	$30,000	$0	$0	$30,000	Need final cost estimate
			operated at 40 to 14.4 kV, install ground grid, recloser,						
			regulator, and fence						
	o.		Total - Substation Changes	$1,025,000	$1,197,000	$850,000	$0	$3,072,000	
	. Miscellaneous Dist. Equip. - 600								
601	a. Transformers and Meters								
		1)	70 URD Transformers @$9,300 each	$162,750	$162,750	$162,750	$162,750	$651,000	
		2)	2810 OH Transformers @ $1,060 each	$744,650	$744,650	$744,650	$744,650	$2,978,600	
		3)	4830 Regular Meters @ $150 each	$181,125	$181,125	$181,125	$181,125	$724,500	
		4)	670 Special Meters @ $420 each	$70,350	$70,350	$70,350	$70,350	$281,400	
		5)	Total - Transformers & Meters	$1,158,875	$1,158,875	$1,158,875	$1,158,875	$4,635,500	
602	b. Increased Capacity Services								
		1)	110 Increased Capacity Service Wire Sets	$128,975	$128,975	$128,975	$128,975	$515,900	
			@ $4,690 each						
		2)	Total - Increased Capacity Services	$128,975	$128,975	$128,975	$128,975	$515,900	
603	c. VT's and CT's								
		1)	120 Service VT's and CT's @ $860 each	$25,800	$25,800	$25,800	$25,800	$103,200	
		2)	Total - VT's and CT's	$25,800	$25,800	$25,800	$25,800	$103,200	
604	d. Sectionalizing Equipment								
		1)	Changeout 15 RV reclosers to electronic	$192,000	$168,000	$0	$0	$360,000	
			controlled with ground trip @ $24,000 each						
		2)	20 Oil Sectionalizers - scattered	$18,000	$18,000	$18,000	$18,000	$72,000	
			@ $3,600 each						
		3)	15 Air Break Switches - scatterd	$15,000	$15,000	$15,000	$15,000	$60,000	
			@ $4,000 each						
		4)	Purchase 50 three phase reclosers	$158,000	$158,000	$158,000	$158,000	$632,000	
			@ $12,640 each						
		5)	Purchase 50 single phase reclosers	$55,000	$55,000	$55,000	$55,000	$220,000	
			@ $4,400 each						

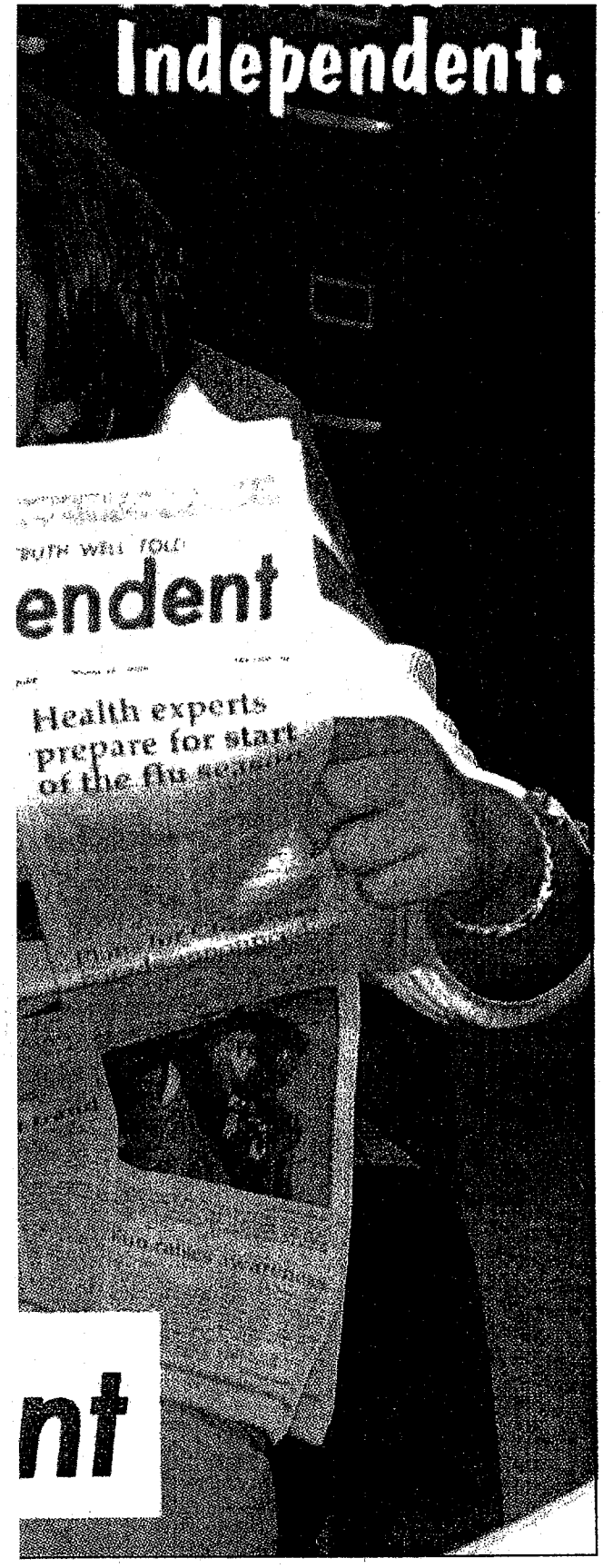
RUS Code					Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
			6)	Totals - Sectionalizing Equipment	$438,000	$414,000	$246,000	$246,000	$1,344,000	
605		e. Voltage Regulators								
			1)	Shiprock No. 2 - R215, move three sets of	$0	$48,000	$0	$0	$48,000	
				100 amp regulators from section 3492 to						
				968, section 21357 to 5023, and section						
				30249 to 37727, add set of 100 amp						
				regulators in section 21634						
			2)	Tsegi, Inscription House regulator station, lower	$0	$35,000	$0	$0	$35,000	
				regulator to concrete foundation with ground						
				grid and fence						
			3)	Kayenta, Promise Rock regulator station, lower	$0	$0	$35,000	$0	$35,000	
				regulator to concrete foundation with ground						
				grid and fence						
			4)	Burnside, R315, move regulator bank from	$6,000	$0	$0	$0	$6,000	
				section 22405 to 22426						
			5)	Leupp, two 1-ph regulators, one in section 48546	$0	$0	$24,000	$0	$24,000	
				and one in section 16600						
			6)	New Lands West, add three 1-ph regulators	$0	$0	$0	$36,000	$36,000	
				in section 19071						
			7)	Ojo Amarillo, add three 1-ph regulators in Section 2901	$0	$0	$36,000	$0	$36,000	
			8)	Red Mesa, add one 1-ph regulator in	$12,000	$0	$0	$0	$12,000	
				section 23920						
			9)	Shiprock No. 1, install 1-ph regulator in	$0	$12,000	$0	$0	$12,000	
				section 25761						
			10)	Forest Lake-Hard Rocks, add two sets of 100	$72,000	$0	$0	$0	$72,000	
				amp regulators in sections 9247 and 38899						
			11)	Kayenta-R604, add 1-ph 50 amp regulator in	$0	$12,000	$0	$0	$12,000	
				section 28920						
			12)	Coalmine R355, move regulator bank from	$0	$6,000	$0	$0	$6,000	
				section 52168 to 6239						
			13)	Purchase spare regulators and controls	$15,000	$15,000	$15,000	$15,000	$60,000	
			14)	Totals - Voltage Regulators	$105,000	$128,000	$110,000	$51,000	$394,000	
606		f. Capacitors								
			1)	Navajo, reduce a capacitor bank from	$0	$7,500	$0	$0	$7,500	
				600 kVAR to 300 kVAR section 38999						
			2)	Ojo Amarillo, remove a 600 kVAR bank	$0	$15,000	$0	$0	$15,000	
				and install a switched 300 kVAR bank at						
				section 29776 and a 300 kVAR switched						
				bank in section 22215						
			3)	Shiprock #1-4, add 150 kVAR switched	$0	$0	$5,000	$0	$5,000	
				bank in section 37098 and a 50 kVAR						
				switched bank in section 12941						

RUS Code					Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
			4)	Shiprock #2 - R215	$8,625	$8,625	$8,625	$8,625	$34,500	
				Remove 600 kVAR banks from section						
				37739. Remove two 150 kVAR banks from						
				sections 1929 & 30328, add three 300 kVAR						
606				switched banks in sections 12 & 50280 and						
				at the new Red Valley Pumps Load						
			5)	Tsegi, add a 300 kVAR switched bank in section	$0	$9,500	$0	$0	$9,500	
				32280 and remove a 600 kVAR bank						
			6)	Forest Lake South, move a 300 kVAR	$2,000	$0	$0	$0	$2,000	
				switched bank from section 18065						
				end of new 477 MCM						
			7)	Forest Lake - Hard Rocks, add four 300	$7,500	$7,500	$7,500	$7,500	$30,000	
				kVAR switched banks in sections 9252,						
				38928, and two on the new tie line to						
				to Tawa'ovi Vicinity						
			8)	Leupp, add two 50 kVAR switched	$0	$0	$0	$2,500	$2,500	
				capacitor banks, one in section 16727 and one in 41405						
			9)	New Lands, west circuit, add two 300	$0	$15,000	$0	$0	$15,000	
				kVAR switched capacitor banks, one in						
				section 42235 and one in section 42209						
			10)	Add spare capacitors, controls and switches	$7,500	$7,500	$7,500	$7,500	$30,000	
				for a cost of $28,554						
			11)	Totals - Capactors	$25,625	$70,625	$28,625	$26,125	$151,000	
607		g.	Replacements							
			1)	200 Dist Poles @ $920 each	$46,000	$46,000	$46,000	$46,000	$184,000	
			2)	250 Crossarms @ $430 each	$26,875	$26,875	$26,875	$26,875	$107,500	
			3)	940 Security Lights @ $68.36 each	$16,065	$16,065	$16,065	$16,065	$64,260	
			4)	Total - Ordinary Replacements	$88,940	$88,940	$88,940	$88,940	$355,760	
		i.	Total - Miscellaneous		$1,971,215	$2,015,215	$1,787,215	$1,725,715	$7,499,360	
	7.	**Other Distribution Items - 700**								
		a.	Engineering Fees - Included in line estimates		$0	$0	$0	$0	$0	
702		b.	Security Lights - 1980 @ $610 each		$301,950	$301,950	$301,950	$301,950	$1,207,800	
		c.	SCADA							
720.05			1)	Upgrade SCADA system	$261,000	$461,000	$111,000	$111,000	$944,000	
				of switches						
720.06			2)	SCADA interface for breaker retro-fit for Long	$52,000	$52,000	$52,000	$52,000	$208,000	
				House Valley, Kayenta 230, Indian Wells, and						
				Shiprock						
720.07			3)	SCADA Interface for Coalmine 69 kV	$25,000	$0	$0	$0	$25,000	
			4)	Total - SCADA	$338,000	$513,000	$163,000	$163,000	$1,177,000	
		c.	Total - Other Distribution		$639,950	$814,950	$464,950	$464,950	$2,384,800	

RUS Code				Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
	8.		Grand Total Distribtuion	$19,992,601	$16,020,285	$13,261,285	$11,980,785	$60,784,956	
B. Transmission									
	1.		New Line - 800						
* 820.01		a.	Round Rock to Upper Greasewood, build	$0	$2,100,000	$0	$0	$2,100,000	
			12.88 miles of single pole 69 kV using 477						
			MCM ACSR initially operated as an express						
			24.9/14.4 kV line						
820.02		b.	Forest Lake to Pinon, single pole, 115 kV line using	$0	$1,860,000	$0	$0	$1,860,000	
			using 477 MCM ACSR, initially operated as 69 kV line						
			to feed the new Pinon Substation, 15.5 miles						
		c.	Total - New Line	$0	$3,960,000	$0	$0	$3,960,000	
	1.		New Substations & Switching - 900						
* 920.02		a.	Burnside Switching Station, three ring breaker bus	$0	$2,000,000	$0	$0	$2,000,000	
			configuration						
920.03		b.	Dennehotso, replace existing 69 kV two-way	$0	$20,000	$0	$0	$20,000	Increased budgeted amount
			switch						
920.04		c.	Kayenta, Laguna Creek, upgrade the 69 kV switch	$35,000	$0	$0	$0	$35,000	
		d.	Total - New Substations & Switching	$35,000	$2,020,000	$0	$0	$2,055,000	
	1.		Line & Station Changes - 1000						
* 1000.11		a.	Grey Mountain Substation - replace 69 kV oil circuit	$0	$0	$100,000	$0	$100,000	
			breakers with 69 kV SF6 breakers						
* 1000.12		b.	Rock Point 69 kV Voltage Regulator Station,	$0	$0	$0	$50,000	$50,000	
			install voltage and current monitoring equipment						
1000.13		c.	Shiprock No. 1, Shiprock No. 1 to Water	$0	$0	$0	$450,000	$450,000	
			Treatment Plant, convert 1.1 miles of #2/0						
			ACSR to 336 MCM ACSR						
1000.14		d.	Shiprock No. 2, Shiprock No. 2 to Water	$0	$0	$450,000	$0	$450,000	
			Treatment Plant, convert 1.6 miles of #2/0						
			ACSR to 336 MCM ACSR						
		e.	Total - Line & Station Changes	$0	$0	$550,000	$500,000	$1,050,000	
	1.		Other Transmission Items - 1100						
1103		a.	Ordinary Replacements						
			1) 40 Tran. Poles @ $2,760 each	$27,600	$27,600	$27,600	$27,600	$110,400	
			2) 40 Tran. Crossarms @ $640 each	$6,400	$6,400	$6,400	$6,400	$25,600	
			3) Total - Ordinary Replacements	$34,000	$34,000	$34,000	$34,000	$136,000	
		b.	Total - Other Transmission Items	$34,000	$34,000	$34,000	$34,000	$136,000	
	5.		Grand Total Transmission	$69,000	$6,014,000	$584,000	$534,000	$7,201,000	

RUS Code		Year 2006	Year 2007	Year 2008	Year 2009	Total	Comments
C. Generation - 1200							
None		$0	$0	$0	$0	$0	
D. Warehouse & Associated Structures - 1300							
None		$0	$0	$0	$0	$0	
E. Acquisitions - 1400							
None		$0	$0	$0	$0	$0	
F. Grand Total - All Costs		$20,061,601	$22,034,285	$13,845,285	$12,514,785	$67,985,956	

* - Carryover project from previous Construction Work Plan.



PUBLIC NOTICE

Navajo Tribal Utility Authority ("NTUA") will be holding a public meeting from 9:00 a.m. to 12:00 p.m., on Friday, September 29, 2006 in the Sky Room at the NTUA Headquarters Building in Fort Defiance, Arizona.

At this meeting, NTUA will consider public comments on its Integrated Resource Plan (IRP). This Integrated Resource Plan, which is required by Western Area Power Administration (WAPA), details NTUA's power resource plan for the next five years. The Integrated Resource Plan will be available to the public five (5) days prior to the meeting. Written comments regarding the Integrated Resource Plan will be accepted any time prior to or at the public meeting. Public comments will be presented to the NTUA Management Board for review and approval.

Public Meeting
Friday, Sept. 29, 2006
NTUA Headquarters, Fort Defiance, AZ

For more information call Srinivasa Venigalla (Veni), NTUA Electrical Engineering Department at 928-729-5721, Ext. 2281.

INDEPENDENT SATURDAY, Sept 23, 2006.

NTUA to release

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Calif. Because access to Western facilities is controlled, any U.S. citizen attending the Western meetings must present an official form of picture identification, such as a driver's license, at the time of the meeting.

The U.S. Environmental Protection Agency will hold a public hearing Oct. 5 in Farmington on proposed clean air plans for Navajo Generation Station, located near Page, and the Four Corners Power Plant.

The Federal Implementation Plans proposed for the facilities are designed to ensure protection of tribal air resources by establishing federally enforceable emissions limits for sulfur dioxide, nitrogen oxides, total particulate matter, opacity, and dust control measures.

Navajo surplus

When Congress established Western on Dec. 21, 1977, power marketing responsibilities and transmission system assets previously managed by Reclamation were transferred to Western.

In Fiscal Year 2005, Western's revenue from power sales totaled nearly $835 million. The federal agency received $175 million in federal appropriations and repaid the U.S. Treasury around $18.2 million for federal investment in the power facilities.

The United States acquired an entitlement to 24.3 percent of generation available at Navajo Generating Station for use by Central Arizona Project under the Colorado River Basin Project Act. The Central Arizona Project is a multipurpose water resource development and management project under the direction of Reclamation.

A section of the Colorado River Basin Project Act, 107(a), provides that the United States' interest in NGS, which is in excess of the pumping requirements of CAP, as well as any needs for desalting and protective pumping facilities, shall be marketed and exchanged by the Secretary of Energy.

The act also provides that in marketing and exchanging Navajo Surplus Power, the Secretary of the Interior shall adopt the most acceptable plan, as part of the repayment of construction costs for CAP, after consultation with the Secretary of Energy, the governor of Arizona, and the Central Arizona Water Conservation District.

The Amended Plan would implement provisions of a revised stipulation regarding a stay of litigation (Central Arizona Water Conservation District v. United States, et al.). The revised stipulation requires the original plan be amended to provide for the establishment of rates for the sale or exchange of Navajo Surplus Power after Sept. 30, 2011, when Reclamation's long-term contract ends.

Amending the plan would provide for optimizing the availability and use of revenues for the Little Colorado River Basin Development Fund.

Satisfying the requirements of the revised stipulation is needed in order for final judgment to be entered in the Central Arizona Project litigation, which would permit the Secretary of Interior to make a finding under the terms of the Arizona Water Settlements Act.

The Secretary of the Interior is not only administrator of the Bureau of Reclamation, but also trustee for Indian nations.

All revenue collected from the sale of NGS surplus power is to be deposited by Western into the Little Colorado River Basin Development Fund, where it will be used first, to pay operation and maintenance costs associated with the sale of Navajo Surplus, and second, for the Central Arizona water district's repayment obligations and funding specific Indian water-related activities.

Western has an exemption from regulator review under Executive Order 12866, and has determined that it is categorically excluded from preparing an environmental assessment or environmental impact statement.

Information: *www.wapa.gov*